

What is claimed is:

1. An information processing apparatus for reproducing a disc-shaped recording medium comprising:

a buffer memory located between means for reading out information from said recording medium and information processing means, wherein said buffer memory is a nonvolatile memory that can operate at high speed and which consumes no electric power in the standby mode, said buffer memory stores part of or whole of information read out from said disc-shaped recording medium during said information processing apparatus is active, power supply to said buffer memory is stopped while said buffer memory stores information of a predetermined amount to be processed next when said information processing apparatus is stopped and said information processing apparatus starts processing said information of the predetermined amount to be processed next which said buffer memory stored when said information processing apparatus resumes operation.

2. An information processing apparatus according to claim 1, wherein said nonvolatile memory is a magnetic random-access memory.

3. An information processing apparatus according to claim 1, wherein said information processing apparatus includes a recovery processing mode and a starting portion processing

mode and said two processing modes can be set by users.

4. An information processing apparatus according to claim 3, wherein said information of the predetermined amount to be processed next continues latest information processed before said information processing apparatus is powered off when said information processing apparatus is set to said recovery processing mode.

5. An information processing apparatus according to claim 3, wherein said information of the predetermined amount to be processed next is information recorded at an arbitrary position on said disc-shaped recording medium when said information processing apparatus is set to said starting portion processing mode.

6. An information processing apparatus according to claim 1, wherein said information processing apparatus is inhibited from processing said information of the predetermined amount to be processed next when said information processing apparatus resumes operation if said disc-shaped recording medium is exchanged during said information processing apparatus is powered off.

7. An information processing method for reproducing a disc-shaped recording medium comprising the step of:

providing a buffer memory between means for reading out information from said recording medium and information processing means, wherein said buffer memory is a nonvolatile memory that can operate at high speed and which consumes no electric power in the standby mode, said buffer memory stores part of or whole of information read out from said disc-shaped recording medium during said information processing apparatus is active, power supply to said buffer memory is stopped while said buffer memory stores information of a predetermined amount to be processed next when said information processing apparatus is powered off and said information processing apparatus starts processing said information of the predetermined amount to be processed next which said buffer memory stored when said information processing apparatus resumes operation.

8. An information processing method according to claim 7, wherein said nonvolatile memory is a magnetic random-access memory.

9. An information processing method according to claim 7, wherein said information processing apparatus includes a recovery processing mode and a starting portion processing mode and said two processing modes can be set by users.

10. An information processing method according to claim 9, wherein said information of the predetermined amount to

be processed next continues latest information processed before said information processing apparatus is powered off when said information processing apparatus is set to said recovery processing mode.

11. An information processing method according to claim 9, wherein said information of the predetermined amount to be processed next is information recorded at an arbitrary position on said disc-shaped recording medium when said information processing apparatus is set to said starting portion processing mode.

12. An information processing method according to claim 7, wherein said information processing apparatus is inhibited from processing said information of the predetermined amount to be processed next when said information processing apparatus resumes operation if said disc-shaped recording medium is exchanged during said information processing apparatus is powered on.